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MGG 09005003
Laboratory Item 294

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MGG 09005003

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A SUMMARY OF SEDIMENT SIZE AND COMPOSITION ANALYSES
OF ~~CORES~~ FROM NICARAGUA; CHART CONSTRUCTION
SEPTEMBER 1965 - NOVEMBER 1966.

Prepared by:

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Washington, D. C. 20390

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EXPLANATION OF DATA PAGES
CORE ANALYSIS SUMMARY SHEET
Sediment Size and Composition
NAVOCEANO (EXP) 3167/18A (Rev. 1-63)

Results of, sediment-size and -composition, core analysis performed by the U. S. Naval Oceanographic Office Geological Laboratory are recorded on Core Analysis Summary Sheet Sediment Size and Composition.

The following is a description of the terms employed on the Core Analysis Summary Sheet:

1. Cruise Number. A number assigned to each cruise for identification purposes.
2. Latitude. Expressed in degrees, minutes, and seconds.
3. Longitude. Expressed in degrees, minutes, and seconds.
4. Sample Number. A consecutive number, commencing with 1, applied to each core taken successively throughout the cruise.
5. Date Taken. Day (GMT), month, and year.
6. Water Depth (m). The uncorrected sonic sounding recorded in meters.
7. Type Corer. Identified by name of device employed.
8. Core Length (cm). Recorded in centimeters as observed in the laboratory.
9. Core Penetration (cm). Recorded in centimeters as observed in the field.
10. Laboratory Number. A reference number assigned to a fraction of a sample retained by the laboratory.
11. Subsample Depth in Core (cm). Interval of subsample as measured in centimeters from the top of the core.
12. Color (GSA Rock Color Chart). Based on the Geological Society of America Rock-Color Chart. F or L indicates where color determination was made. For those samples where color was determined in the laboratory, the sample was moistened for a color determination.
13. Odor. A qualitative description of any noticeable odors.

14. Size and Composition Analysis.

a. through n. Sample fraction diameter size values are based on dry weight and are given in millimeters to the nearest whole percent. An American Instrument Company sieving machine and U. S. standard sieves were used for determining sand and larger fractions ($> .062\text{mm}$). The pipette method, based on Stokes' Law (for computing settling rates of spherical particles), was used to determine silt size (.062 to .004 mm) and clay size particles ($< .004\text{ mm}$).

o. Median Diameter (mm). Is the middle most member of the distribution curve above which 50 percent of the diameters in the distribution are larger and below which 50 percent of the diameters are smaller expressed in millimeters.

p. Sorting Coefficient. Is the square root of the ratio of the two quartiles, so chosen that the value is always greater than unity. (Trask 1932).

$$\text{Sorting Coefficient} = \sqrt{\frac{Q_{25}}{Q_{75}}}$$

q. Skewness. Is a measurement of the asymmetry of the curve in such a way that departure of the mean from the median is independent of the spread or deviation of the curve. Expressed in millimeters to the nearest hundredth with the given value computed from Trask's formula.

$$\text{Skewness} = \frac{Q_{25} - Q_{75}}{\text{Median Diameter}}^2$$

r. Standard Deviation (mm). A measure, in millimeters, of the degree of spread or degree of dispersion of the data about the central tendency.

$$\text{Standard Deviation} = \sqrt{\sum_{i=1}^n (X_i - \bar{X})^2 / (n-1)}$$

s. Sediment Type. Determined by sand, silt, and clay ratios of the sample based on the F. P. Shepard sediment triangle (as modified) shown in Figure B-1.

t. and u. Dominant and Secondary Minerals (%). Percentage of fraction volume of the dominant and secondary minerals.

v. Calcium Carbonate (%). Percentage of total sample weight determined by EDTA method.

w. Organic Carbon (%). Percentage of total sample weight determined by Allison method.

15. Remarks.

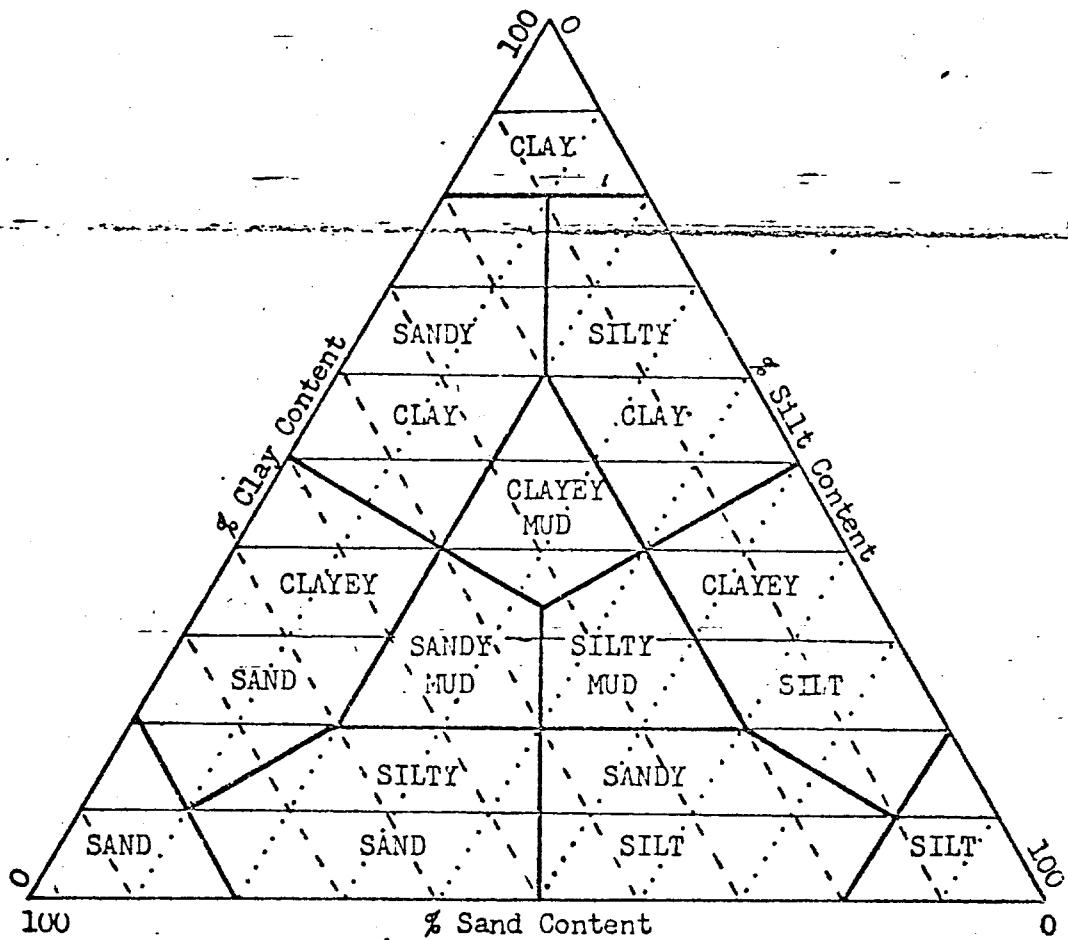


FIGURE B-1. MODIFIED NOMENCLATURE OF SEDIMENT TYPES
(after Shepard, 1954, p. 157)

Project No. 294
Location Nicaragua

MGG 09005003
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Lab No.	Color	Color Cat.	Sed. Vol.	Type	Remarks
Sample No: BS-1 Lat: $12^{\circ} 28.3' N$ Long: $87^{\circ} 10.3' W$ Depth: — Water depth: —	294- 1	SYR 4/1	Yes	Med. to Coarse Sand	shell
Sample No: BS-2 Lat: $12^{\circ} 28.0' N$ Long: $87^{\circ} 10.5' W$ Depth: — Water depth: —	294- 2	SYR 4/1	"	Med. to Coarse Sand	"
Sample No: BS-3 Lat: $12^{\circ} 28.0' N$ Long: $87^{\circ} 10.7' W$ Depth: — Water depth: —	294- 3	SYR 4/1	"	Med. to Coarse Sand	"
Sample No: BS-4 Lat: $12^{\circ} 28.3' N$ Long: $87^{\circ} 10.6' W$ Depth: — Water depth: —	294- 4	SYR 4/1	"	Med. to Coarse Sand	"
Sample No: BS-5 Lat: $12^{\circ} 28.5' N$ Long: $87^{\circ} 10.6' W$ Depth: — Water depth: —	294- 10	SGY 4/1	"	Coarse Sand	"
Sample No: BS-6 Lat: $12^{\circ} 28.4' N$ Long: $87^{\circ} 10.8' W$ Depth: — Water depth: —	294- 5	SGY 4/1	"	Med to Coarse Sand	"
Sample No: BS-7 Lat: $12^{\circ} 28.2' N$ Long: $87^{\circ} 10.8' W$ Depth: — Water depth: —	294- 6	SGY 4/1	"	Fine to Med. Sand	"
Sample No: BS-8 Lat: $12^{\circ} 28.4' N$ Long: $87^{\circ} 11.1' W$ Depth: — Water depth: —	294- 7	SGY 4/1	"	Coarse Sand	" (large)
Sample No:					
Sample No:					
Sample No:					

Project No. 294
Location: Nicaragua

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	Lab No.	Color	Calct Mat.	Sediment Type	Remarks
Sample No: BS-9 Lat: $12^{\circ} 28.5' N$ Long: $87^{\circ} 11.2' W$ Date: — Water depth: —	294- 11	56Y 4/1	Yes	coarse Sand	Roots shell
Sample No: BS-10 Lat: $12^{\circ} 28.2' N$ Long: $87^{\circ} 11.7' W$ Date: — Water depth: —	294- 9	5Y 2/1	"	Coarse Sand	"
Sample No: BS-12 Lat: $12^{\circ} 29.4' N$ Long: $87^{\circ} 11.8' W$ Date: — Water depth: —	294- 8	56Y 4/1	"	Coarse Sand	"
Sample No: BS-13 Lat: $12^{\circ} 29.5' N$ Long: $87^{\circ} 11.3' W$ Date: — Water depth: —	294- 12	56Y 3/1	"	Fine To Med. Sand	"
Sample No: BS-14 Lat: $12^{\circ} 29.2' N$ Long: $87^{\circ} 11.6' W$ Date: — Water depth: —	294- 14	5Y 3/2	"	Fine Sand	"
Sample No: BS-15 Lat: $12^{\circ} 28.7' N$ Long: $87^{\circ} 11.5' W$ Date: — Water depth: —	294- 13	56Y 3/1	"	Fine To Med. Sand	"
Sample No: BS-16 Lat: $12^{\circ} 28.4' N$ Long: $87^{\circ} 11.9' W$ Date: — Water depth: —	294- 19	5Y 2/1	"	Fine Sand	"
Sample No: BS-17 Lat: $12^{\circ} 28.1' N$ Long: $87^{\circ} 11.8' W$ Date: — Water depth: —	294- 16	5Y 2/1	"	Fine Sand	"
Sample No: Lat: Long: Date: Water depth:					

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 Location: Nicaragua.

Logged by Achstetter
 Date Logged 20 Feb '67

	Lab No.	Color	Calc. Mat.	Sediment Type	Remarks
Sample No: BS-18 Lat: $12^{\circ} 27.7' N$ Long: $87^{\circ} 11.6' W$ Date: — Water depth: —	294-17	5Y 2/1	Yes	Fine Sand	Shells
Sample No: BS-19 Lat: $12^{\circ} 27.3' N$ Long: $87^{\circ} 11.7' W$ Date: — Water depth: —	294-18	5Y 2/1	"	Fine Sand	"
Sample No: BS-20 Lat: $12^{\circ} 27.4' N$ Long: $87^{\circ} 11.3' W$ Date: — Water depth: —	294-20	5G Y 4/1	"	Med. Sand	"
Sample No: BS-21 Lat: $12^{\circ} 27.7' N$ Long: $87^{\circ} 11.2' W$ Date: — Water depth: —	294-15	5G Y 4/1	"	Med TO Coarse Sand	"
Sample No: BS-22 Lat: $12^{\circ} 28.8' N$ Long: $87^{\circ} 10.1' W$ Date: — Water depth: —	294-33	5Y 2/1	"	Fine TO Med Silty Sand	Highly Organic
Sample No: BS-23 Lat: $12^{\circ} 28.7' N$ Long: $87^{\circ} 10.0' W$ Date: — Water depth: —	294-21	5Y 2/1	"	Fine TO Med Sand	Shells
Sample No: BS-24 Lat: $12^{\circ} 28.6' N$ Long: $87^{\circ} 09.9' W$ Date: — Water depth: —	294-22	5G Y 4/1	"	Fine TO Med Sand	Igneous Pebbles
Sample No: BS-25 Lat: $12^{\circ} 28.5' N$ Long: $87^{\circ} 10.1' W$ Date: — Water depth: —	294-37	5G Y 3/1	"	Med TO Coarse Sand	" Igneous Pebbles + Rocks
Sample No: Date: Long: Depth:					

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Location: Nicaragua

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Date Logged 21 Feb '67

	Lab No.	Color	Calcareous	Sediment Type	Remarks
Sample No: BS-26 Lat: $12^{\circ} 28.2'N$ Long: $87^{\circ} 10.2'W$ Date: — Water depth: —	294- 23	56Y 4/1	yes	Med. TO Coarse Sand	shells
Sample No: BS-27 Lat: $12^{\circ} 28.1'N$ Long: $87^{\circ} 09.8'W$ Date: — Water depth: —	294- 54	5Y 7/2	"	CORAL	Reference Sample only
Sample No: BS-28 Lat: $12^{\circ} 28.0'N$ Long: $87^{\circ} 09.6'W$ Date: — Water depth: —	294- 58	5Y 4/1	"	Med. TO Coarse Sand	Large Shells
Sample No: BS-29 Lat: $12^{\circ} 28.0'N$ Long: $87^{\circ} 09.4'W$ Date: — Water depth: —	294- 48	5YR 4/1	"	Fine TO Med. Sand	" "
Sample No: BS-30 Lat: $12^{\circ} 27.3'N$ Long: $87^{\circ} 09.4'W$ Date: — Water depth: —	294- 57	5Y 4/1	"	Fine TO Med. Sand	" "
Sample No: BS-31 Lat: $12^{\circ} 28.3'N$ Long: $87^{\circ} 09.7'W$ Date: — Water depth: —	294- 56	5Y 4/1	"	Med. Sand	" "
Sample No: BS-33 Lat: $12^{\circ} 28.5'N$ Long: $87^{\circ} 09.8'W$ Date: — Water depth: —	294- 55	5YR 4/1	"	Med. Sand	" "
Sample No: BS-34 Lat: $12^{\circ} 28.8'N$ Long: $87^{\circ} 09.8'W$ Date: — Water depth: —	294- 53	5Y 2/1	"	Med. Sand	" "
Sample No:					

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Location: NicaraguaLogged by Achstetter
Date Logged 23 Feb 67

	Lab No.	Color	Calcs. Mat.	Sediment Type	Remarks
Sample No: BS-35 Lat: $12^{\circ} 29.0' N$ Long: $87^{\circ} 09.8' W$ Date: _____ Water depth: -	294-51	5Y 2/1	yes	Med. Sand	Shells
Sample No: BS-36 Lat: $12^{\circ} 29.3' N$ Long: $87^{\circ} 09.7' W$ Date: _____ Water depth: -	294-50	5Y 2/1	"	Fine TO Med. Sand	"
Sample No: BS-37 Lat: $12^{\circ} 29.4' N$ Long: $87^{\circ} 09.5' W$ Date: _____ Water depth: -	294-49	5YR 4/1	"	Fine TO Med. Sand	Large "
Sample No: BS-38 Lat: $12^{\circ} 29.5' N$ Long: $87^{\circ} 09.8' W$ Date: _____ Water depth: -	294-52	5Y 2/1	"	Med. Sand	Igneous Pebbles
Sample No: BS-39 Lat: $12^{\circ} 29.5' N$ Long: $87^{\circ} 10.0' W$ Date: _____ Water depth: -	294-26	5YR 2/1	"	Fine Sand	Shells
Sample No: BS-40 Lat: $12^{\circ} 29.3' N$ Long: $87^{\circ} 10.0' W$ Date: _____ Water depth: -	294-31	5Y 2/1	"	Med. TO coarse Sand	Large Shells
Sample No: BS-41 Lat: $12^{\circ} 29.0' N$ Long: $87^{\circ} 10.0' W$ Date: _____ Water depth: -	294-38	5Y 2/1	"	Med. TO Coarse Sand	Shells
Sample No: BS-42 Lat: $12^{\circ} 29.0' N$ Long: $87^{\circ} 12.0' W$ Date: _____ Water depth: -	294-39	5Y 4/1	"	Med. Sand	"
Sample No:					
Date:					
Long:					
Water depth:					

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 Location: Nicaragua

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 Date logged 23 Feb 67

	Lab No.	Color	Calc. Nat.	Sediment Type	Remarks
Sample No: BS-43 Lat: $12^{\circ} 28.5' N$ Long: $87^{\circ} 12.0' W$ Date: — Water depth: —	294-35	5Y 4/1	Yes	Fine Sand	Shells
Sample No: BS-44 Lat: $12^{\circ} 28.0' N$ Long: $87^{\circ} 12.7' W$ Date: — Water depth: —	294-32	5Y 2/1	"	Fine Sand	"
Sample No: BS-45 Lat: $12^{\circ} 27.4' N$ Long: $87^{\circ} 12.2' W$ Date: — Water depth: —	294-41	5Y 2/1	"	Fine Silty Sand	"
Sample No: BS-47 Lat: $12^{\circ} 27.4' N$ Long: $87^{\circ} 12.7' W$ Date: — Water depth: —	294-40	5Y 2/1	"	Fine Sandy Silt	"
Sample No: BS-48 Lat: $12^{\circ} 28.0' N$ Long: $87^{\circ} 12.7' W$ Date: — Water depth: —	294-24	5Y 2/1	"	Fine Silty Sand	"
Sample No: BS-49 Lat: $12^{\circ} 28.5' N$ Long: $87^{\circ} 12.9' W$ Date: — Water depth: —	294-29	5Y 2/1	"	Fine Sand	"
Sample No: BS-50 Lat: $12^{\circ} 28.8' N$ Long: $87^{\circ} 12.9' W$ Date: — Water depth: —	294-42	5Y 2/1	"	Fine Sand	"
Sample No: BS-51 Lat: $12^{\circ} 29.3' N$ Long: $87^{\circ} 12.6' W$ Date: — Water depth: —	294-28	5Y 2/1	"	Fine Sand	"
Sample No:					
Date:					
Long:					
Date:					

Project No. 294
Location: Nicaragua

Logged by Achstetter
Date Logged 2 Mar 67

	Lab No.	Color	Calcareous	Sediment Type	Remarks
Sample No: BS-52 Lat: $12^{\circ} 29.8'N$ Long: $87^{\circ} 12.7'W$ Date: — Water depth: —	294-27	5Y 2/1	YES	Fine Sand	Shells
Sample No: BS-53 Lat: $12^{\circ} 30.4'N$ Long: $87^{\circ} 12.9'W$ Date: — Water depth: —	294-43	5Y 2/1	"	Fine Sand	"
Sample No: BS-54 Lat: $12^{\circ} 31.0'N$ Long: $87^{\circ} 12.8'W$ Date: — Water depth: —	294-34	5Y 2/1	"	Fine Sand	"
Sample No: BS-55 Lat: $12^{\circ} 30.6'N$ Long: $87^{\circ} 12.5'W$ Date: — Water depth: —	294-44	5Y 2/1	"	Fine Sand	"
Sample No: BS-56 Lat: $12^{\circ} 30.2'N$ Long: $87^{\circ} 12.0'W$ Date: — Water depth: —	294-46	5Y 2/1	"	Fine Sand	"
Sample No: BS-57 Lat: $12^{\circ} 29.8'N$ Long: $87^{\circ} 12.3'W$ Date: — Water depth: —	294-36	5Y 4/1	"	Fine To Med. Sand	"
Sample No: BS-58 Lat: $12^{\circ} 29.3'N$ Long: $87^{\circ} 12.3'W$ Date: — Water depth: —	294-45	5Y 4/1	"	Fine To Med. Sand	"
Sample No: BS-59 Lat: $12^{\circ} 28.9'N$ Long: $87^{\circ} 12.4'W$ Date: — Water depth: —	294-30	5YR 4/1	"	Fine To Med. Sand	Large Shells
Sample No:					
Date:					
Long:					
Lat:					

Project No: 294
Location: Nicaragua

MGG 09005003

Logged by Achstetter
Date Logged 2 Mar 67

CRUISE NO. Lab TT-m 294

ANALYST W Knolle

DATE MEGO 9005003

GRAB SAMPLE ANALYSIS SUMMARY SHEET
SEDIMENT SIZE AND COMPOSITION

1. DATE TAKEN (Day, Mo., Yr.)	1	2	3	4	5	6	7	8
2. SAMPLE NO.								
3. LABORATORY NO.	294-1	294-2	294-3	294-4	294-5	294-6	294-7	
4. LATITUDE								
5. LONGITUDE								
6. WATER DEPTH (m)								
7. TYPE SAMPLER								
8. COLOR (GSA Rock Color Chart)	SYR 4/1							
9. ODOOR								
10. SIZE & COMPOSITION ANALYSIS								
a. 4 mm	1							
b. .4 to 2 mm (S)	1							
c. .2 to 1 mm (S)	4	TRACE	"	TRACE	5	6	7	3
d. .1 to .500 mm (S)	23	1	2	"	44	13	TRACE	6
e. .500 to .250 mm (S)	5.5	26	31	10	46	41	1/	28
f. .250 to .125 mm (S)	13	6.5	59	77	2	32	13	4.5
g. .125 to .062 mm (S)	1	5	5	12	2	3	71	8
h. .062 to .031 mm (S)	q6	q7	q7	q7	q7	q7	q7	1
i. .031 to .016 mm (S)	q6	q7						
j. .016 to .008 mm (S)	2	3	3	1	2	1	1	1
k. .008 to .004 mm (S)								
l. .004 to .002 mm (S)								
m. .002 to .001 mm (S)								
n. .001 mm (S)								
o. Median Diameter (mm)								
p. Sorting Coefficient								
q. Skewness								
r. Standard Deviation (mm)								
s. Sediment Type								
t. Dominant Minerals (S)								
u. Secondary Minerals (S)								
v. Calcium Carbonate (%)	29	34	27	25	26	30	36	30
w. Organic Carbon (%)								
11. REMARKS								

CRUISE NO. Lab TTm 294
GRAB SAMPLE ANALYSIS SUMMARY SHEETANALYST JohnsonDATE MUGO 9005003

SEDIMENT SIZE AND COMPOSITION		
1. DATE TAKEN (Day, Mo., Yr.)	9	10
2. SAMPLE NO.	294-11	294-9
3. LABORATORY NO.	294-8	294-8
4. LATITUDE		
5. LONGITUDE		
6. WATER DEPTH (m)		
7. TYPE SAMPLER		
8. COLOR (GSA Rock Color Charts)	5G Y 4/1	5Y 2/1
9. FIELD <input checked="" type="checkbox"/> LAB DETERMINATION	L	L
9. ODOR		

SIZE & COMPOSITION ANALYSIS		
a. > 4mm	1	1
b. .4 to .2	mm (%)	mm (%)
c. .2 to 1	mm (%)	mm (%)
d. .1 to .050	mm (%)	mm (%)
e. .050 to .025	mm (%)	mm (%)
f. .025 to .0125	mm (%)	mm (%)
g. .0125 to .0062	mm (%)	mm (%)
h. .0062 to .0031	mm (%)	mm (%)
i. .0031 to .0016	mm (%)	mm (%)
j. .0016 to .0008	mm (%)	mm (%)
k. .0008 to .0004	mm (%)	mm (%)
l. .0004 to .0002	mm (%)	mm (%)
m. .0002 to .0001	mm (%)	mm (%)
n. < .0001	mm (%)	mm (%)
o. Median Diameter (mm)		
p. Sorting Coefficient		
q. Skewness		
r. Standard Deviation (mm)		
s. Sediment Type		
t. Dominant Minerals (%)		
u. Secondary Minerals (%)		
v. Calcium Carbonate (%)	40	28
w. Organic Carbon (%)		
x. REMARKS		
11. REMARKS		

CRUISE NO. Lab T7em 294ANALYZED BY HJHDATE MUGG 09005003GRAB SAMPLE ANALYSIS SUMMARY SHEET
SEDIMENT SIZE AND COMPOSITION

1. DATE TAKEN (Day, Mo., Yr.)	18	19	20	21	22	23	24	25
2. SAMPLE NO.	294-17	294-18	294-20	294-15	294-33	294-21	294-22	294-37
3. LABORATORY NO.								
4. LATITUDE								
5. LONGITUDE								
6. WATER DEPTH (m)								
7. TYPE SAMPLER								
8. COLOR (GSA Rock Color Charts)	5Y 2/1	5Y 2/1	5G Y 4/1	5G Y 4/1	5Y 2/1	5Y 2/1	5G Y 4/1	5G Y 3/1
9. FIELD <input checked="" type="checkbox"/> LAB DETERMINATION								
9. ODOR								

10. SIZE & COMPOSITION ANALYSIS		4mm	mm (S)	TRACE	TRACE	TRACE	8	7
a.	>	4mm	mm (S)	TRACE	TRACE	TRACE	"	3
b.	4	to 2	mm (S)	/	/	/	5	TRACE
c.	2	to 1	mm (S)	"	"	"	1	3
d.	1	to .500	mm (S)	/	/	/	7	14
e.	.500	to .250	mm (S)	2	1	3	2	3
f.	.250	to .125	mm (S)	3.7	1.5	1.5	15	22
g.	.125	to .062	mm (S)	6.1	5.3	2.1	43	37
h.	.062	to .031	mm (S)	7.1	8	7.1	59	9
i.	.031	to .016	mm (S)				7.6	12
j.	.016	to .008	mm (S)				8.2	8.2
k.	.008	to .004	mm (S)	9	15	1	17	2
l.	.004	to .002	mm (S)				11	7
m.	.002	to .001	mm (S)					
n.	<	.001	mm (S)					
o.	Median Diameter (mm)							
p.	Sorting Coefficient							
q.	Skewness							
r.	Standard Deviation (mm)							
s.	Sediment Type							
t.	Dominant Minerals (S)							
u.	Secondary Minerals (S)							
v.	Calcium Carbonate (%)		20	23	25	31	22	18
w.	Organic Carbon (%)							
x.	REMARKS							

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OCEANOGRAPHIC LOG SHEET-R

OCEANOGRAPHIC LOG SHEET-R
NAVOCEANO-EXP-316718 (Rev.1-53)
CRUISE NO. Lab Item 294

GRAB SAMPLE ANALYSIS SUMMARY SHEET
SEDIMENT SIZE AND COMPOSITION

RAB SAMPLE ANALYSIS SUMMARY SHEET
SEDIMENT SIZE AND COMPOSITION

ANALYZED BY Knaggs

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RADIOLOGY NO. 36

CRUISE NO. Lab TTem 294

OCEANOGRAPHIC LOG SHEET - R
NAVOCANO-EXP-318711 (REV. 1-43)

GRAB SAMPLE ANALYSIS SUMMARY SHEET
SEDIMENT SIZE AND COMPOSITION

CRUISE NO. La5 ITEM 294

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1. DATE TAKEN (Day, Mo., Yr.)							
2. SAMPLE NO.	43	44	45	47	48	49	50
3. LABORATORY NO.	294-35	294-32	294-41	294-40	294-24	294-29	294-28
4. LATITUDE							
5. LONGITUDE							
6. WATER DEPTH (m)							
7. TYPE SAMPLER							
8. COLOR (GSA Rock Color Chart)	5Y 4/1	5Y 2/1					
F FIELD	L LAB DETERMINATION	7	L	L	L	L	L

GRAB SAMPLE ANALYSIS SUMMARY SHEET

SEDIMENT SIZE AND COMPOSITION

CRUISE NO. Lab Item 294

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ANALYZED IN Knoop

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OCEANOGRAPHIC LOG SHEET - R
NOVEMBER 1944 [1944] 43

GRAB SAMPLE ANALYSIS SUMMARY SHEET
SEDIMENT SIZE AND COMPOSITION

ANALYZED BY John S. S. A.

1. DATE TAKEN (Day, Mo., Yr.)	60	61
2. SAMPLE NO.		
3. LABORATORY NO.	294-25	294-47
4. LATITUDE		
5. LONGITUDE		
6. WATER DEPTH (m)		
7. TYPE SAMPLER		
8. COLOR (GSA Rock Color Chart)	5Y 2/1	5G-Y 4/1
<input checked="" type="checkbox"/> FIELD	<input type="checkbox"/> LAB DETERMINATION	
9. ODOR		
10. SIZE & COMPOSITION ANALYSIS		
a.	4mm	mm (%)
b. 4	to 2	mm (%)
c. 2	to 1	mm (%)
d. 1	to .500	mm (%)
e. .500	to .250	mm (%)
f. .250	to .125	mm (%)
g. .125	to .062	mm (%)
h. .062	to .031	mm (%)
i. .031	to .016	mm (%)
j. .016	to .008	mm (%)
k. .008	to .004	mm (%)
l. .004	to .002	mm (%)
m. .002	to .001	mm (%)
n. <	.001	mm (%)
o. Median Diameter (mm)		
p. Sorting Coefficient		
q. Skewness		
r. Standard Deviation (mm)		
s. Sediment Type		
t. Dominant Minerals	(%)	
u. Secondary Minerals	(%)	
v. Calcium Carbonate (%)	20	35
w. Organic Carbon (%)		
11. REMARKS		